

COOLAIR

PRODUCTS



ECO-FRIENDLY
SAVE TIME AND MONEY
INNOVATIVE
PROVEN AND TESTED
GUARANTEED
RESEARCH AND DEVELOPMENT
SERVICE AND SUPPORT



AC/R
SMART
CHEMICAL SOLUTIONS

SOLUTIONS TO KEEP IT COOL

Cool Air Products has the safest, most innovative, smartest solutions in the market. Cool Air Products was founded with the concept of manufacturing revolutionary products that serve markets globally. The focus is on the customer, and the company thrives on providing supreme customer service, reacting quickly, and introducing innovation. The owners have over 50 years of experience in the HVAC, plumbing and wholesale distribution markets.

The SmartSeal formulas are the first proven, Intertek tested, polymer free sealants on the market. We have years of results and millions of leaks permanently sealed in HVAC/R, mass transit, cold storage, shipping, appliance, and automotive markets. SmartSeal products install in seconds without any special tools. SmartSeal will not react to air and moisture, which ensures that TXV's, cap tubes and pistons will never plug.

- **Proven and tested-** Years of performance, OEM tested and proven, and third party(Intertek) test results
- **Eco-Friendly-** All of our products are 100% green, non-toxic, non-flammable and safe to the touch. Packaging can be disposed of in recycling containers
- **Saving time and money-** Multiple injection methods gives the installer options based on preferences and application.
- **Research and Development-** Continuous improvement based on our R and D and staff which includes chemists and engineers.
- **Innovative-** We consistently look to the field to determine what is needed by the technicians for improvement.
- **Service and support-** Sales and service support throughout the US. A state-of-the-art order entry system accesses the inventory, distribution center, enabling prompt, accurate order processing and complete order shipment within 24 hours.



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AC/SMARTSEAL QUICKSHOT™ is our newest technology that does not require pumping down of the system. This innovative 3-in-1 product includes Sealant, Cool Enhancer and UV Dye. A 100% green product, AC/SMARTSEAL QUICKSHOT™ is non-flammable, non-toxic and SAFE for the user. This product GUARANTEES a permanent seal, making pinhole repairs safe and effective.

- Concentrated formula means less material in system.
- No need to pump down R-410A units
- Re-usable tool is user friendly and economical for multiple repairs
- Dose: .20 oz on systems up to 6 tons.



AC/SMARTSEAL QUICKSHOT™
Easy Inject Kit # 322 BP



AC/SMARTSEAL QUICKSHOT™
Refill Cartridge # 322



AC/SMARTSEAL QUICKSHOT™
Easy Inject Kit # 323



Multiple injection methods are quick, simple, and safe for the user.

AC/SMARTSEAL™ is a revolutionary product that travels with any refrigerant to seek out leaks in cooling systems. This product is ideal for direct pinhole repairs and the prevention of refrigerant leaks. The non-clogging, polymer free formula is proven and engineered for harsh and vibrating conditions. This innovative 3-in-1 product includes Sealant, Cool Enhancer and UV Dye.

- Ideal for Preventing Refrigerant Leaks or Direct Repairs
- Permanently Seal Leaks of Refrigerant Gas in AC and Refrigeration systems
- Compatible with all Refrigerants
- Polymer Free
- Approved by OEM's
- Not Activated by Oxygen or Moisture
- Non-clogging of all Components
- Engineered for Rugged, Harsh and Vibrating Conditions

AC/SMARTSEAL™ is ideal and effective on condensers, evaporators, hoses, gaskets and O-rings.

- Saves time and money
- Keeps your business, residence and system cool
- Keeps your vehicles in service
- Proven fast, effective and permanent

Dose: Approximately 2 Oz (60 ml) on systems up to 10 tons.
4 oz (120 ml) up to 20 tons.



AC/SMARTSEAL™
Product # 318



AC/SMARTSEAL™
Product # 318 BP



AC/SMARTSEAL EXTERNAL™ is a leak stop suitable for any material and does not react to temperature changes.

AC/SMART SEAL EXTERNAL™ can be easily applied by using fingers, and once applied, becomes a permanent seal.

- Effectively seals leaks up to 5mm and 825 psi
- Suitable for all materials
- Inert to all lubricants and refrigerant gases
- No flame, no mess in the permanent seal

AC/SMART SEAL EXTERNAL™ is resistant to normal flushing liquids, and is resistant to temperatures from -148 ° F to+ 520 ° F. The pressure resistance depends on the size of the loss:

- 580 psi- 5 mm leak diameter
- 725 psi- 2 mm leak diameter
- 825 psi- 1 mm leak diameter
-

AC/SMART SEAL EXTERNAL™ can be easily mixed by using two fingers. Once applied, the leak is closed. It is ideal for emergency sealing and does not disperse any residue into the system and, if necessary, it can be easily removed and once dried, the product can be sanded and refinished. AC/SMART SEAL EXTERNAL™ usage can be combined with AC/SMART SEAL™: the operator can first seal the larger leak from the outside and then complete the sealing process from the inside with AC/SMART SEAL™. The two products are not only compatible, but also synergic.



AC/SMARTSEAL EXTERNAL™
Counter Display Unit
Product # 210 Case



AC/SMARTSEAL EXTERNAL™
Individual Cartridge
Product # 210

AC/SMARTSHOT COOL ENHANCER™ is a performance enhancer composed of two catalysts and a lubricating agent which enable the AC/R to work at maximum efficiency

BENEFITS

- Brings back the effectiveness of the AC/R system to its original condition
- Improves coil heat transfer up to 70%
- Increases cooling capacity by 20-30%
- Produces colder air – Up to 5°F
- In heat-pump mode produces hotter air – Up to 5°F
- Increases the lubricity of compressor lubricant up to 54%
- Dissolves sludge buildup on bearing and valve surfaces
- Reduces CO2 emission
- Reduces compressor vibration and noise
- Extends life of system by 20-50%
- Visible to any UV light



AC/SMARTSHOT COOL ENHANCER™
Product # 410



Multiple injection methods are quick, simple, and safe for the user.

NO-ACID - ACID NEUTRALIZER FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

The professional solution to completely eliminate acid residues from air conditioning and refrigeration systems. Normal dosage rate is only 2 fl oz of No-Acid for up to one gallon of system. This means far less material has to be added to the systems.

NO-ACID protects the compressor preventing its failure, it stabilizes the PH level of the lubricant and even neutralizes the acid in the recovery station.

WARNING: a must-use after the replacement of an AC/R compressor. The fluorine included in every refrigerant gas bonds with the excess in moisture, forming fluoridric acid that damages the compressor and the other vulnerable parts of the system.

BENEFITS

- Neutralizes the acid in the A/C system
- Extends the life span of the compressor
- Safe for the recovery unit
- Prevents future acid formations
- Compatible with all oils and refrigerants
- Half the dose needed versus other brands
- Easy to use



NO-ACID
Product #510



HOSES AND ACCESSORIES



QUICK ADAPTERS

For pressure up to 130 psi.
(No caulk gun or special tool required).



REUSABLE INJECTOR HOSE

For higher system pressures.



SMART ADAPTER HOSE

Allows for easy injection without use of manifold gauges.



MAKE THE SMART CHOICE

	COOL AIR PRODUCTS AC SMART SEAL QUICK SHOT	RECTORSEAL AC LEAK FREEZE PRO	NU CALGON EASY SEAL DIRECT INJECT	CLIPLIGHT SUPER SEAL FLEX INJECT
Easy installation method	YES ✓	YES ✓	YES ✓	YES ✓
Flammable	NO ✓	NO ✓	YES ✗	YES ✗
Required Hazard Pictograms	NONE ✓	NONE ✓	✗	✗
Required signal word	NONE ✓	NONE ✓	WARNING ✗	WARNING ✗
POLYMER FREE	YES ✓	YES ✓	NO ✗	NO ✗
React to Moisture or Air	NO ✓	NO ✓	YES ✗	YES ✗
Chemical reaction to seal link	NO ✓	NO ✓	YES ✗	YES ✗
Ingredients per OSHA Hazard Communications Standard 29 CFR 1910.1200	NONE ✓	NONE ✓	Triethoxy(vinyl) silane ✗	Triethlorthoformate ✗
			Ethanol ✗	Triethoxy(vinyl) silane ✗
			Toluene ✗	N-(3(trimethoxysilyl)propyl) ethylenediamine ✗
			-	Trimethoxy(methyl) silane ✗
Oxidizing properties	NOT AN OXIDIZER ✓	NOT AN OXIDIZER ✓	NO DATA AVAILABLE ✗	NO DATA AVAILABLE ✗
UV Dye	YES ✓	NO ✗	NO ✗	NO ✗
Reduces Compressor Noise	YES ✓	NO ✗	NO ✗	NO ✗
Reusable	YES ✓	NO ✗	NO ✗	NO ✗
Patent	PATENT PENDING ✓	NO ✗	NO ✗	PATENT PENDING ✓
Doses	0.2 fl. oz up to 6 TONS	1.5 fl. oz up to 6 TONS	0.1 fl. oz up to 5 TONS	0.3 fl. oz up to 6 TONS
Flash Point	392°F (200°C)	320°F (160°C)	100.0°F (37.8°C)	86°F (30°C)
Form	LIQUID	LIQUID	LIQUID	LIQUID
Color	LIGHT BLUE	BLUE	SLIGHT GREEN	CLEAR BLUE

Hazard Communication Standard Pictogram

As of June 1, 2015, the Hazard Communication Standard (HCS) will require pictograms on labels to alert users of the chemical hazards to which they may be exposed. Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard(s). The pictogram on the label is determined by the chemical hazard classification.

Health Hazard



- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

Flame



- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

Exclamation Mark



- Irritant (skin and eye)
- Skin Sensitizer
- Acute Toxicity (harmful)
- Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer (Non-Mandatory)

WHY CHOOSE SMART SEAL?

- ✓ POLYMER FREE
- ✓ UV DYE
- ✓ COMPRESSOR NOISE REDUCTION

ONLY .20 fl. oz UP TO 6 TONS

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